



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

DN A01280A

CJ/sd

In re application of:  
Robert Victor Slone

Serial No.: 10/664,219 : Group Art Unit: 1713

Filed: September 17, 2003 : Examiner: to be assigned

For: Methods And Compositions Involving Polar Monomers And  
Multivalent Cations

**CERTIFICATE OF MAILING**

Sir:

I hereby certify that the following correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated next to my signature below:

Information Disclosure Statement  
List of Art Cited (Form PTO 1449)  
Postcard

12/16/03  
Date

Shelly Slone  
Signature



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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with Applicants' duty of disclosure under 37 CFR §§ 1.97 to 1.98, Applicants submit herewith a list of the documents listed on the enclosed form PTO-1449 "List of Art Cited by Applicant". Inclusion of a document in this Information Disclosure Statement or on its attached form PTO-1449 is not intended to constitute an admission that any document so disclosed is "prior art" with respect to the present invention unless specifically so stated herein.

In accordance with 37 CFR §1.98(d), no copies of the cited art are being submitted because they were previously cited by or submitted to the Office in the prior parent application, serial no. 09/954,141, filed 9/17/01, and is being relied upon for an earlier filing date under 35 USC §120.

The filing of the Information Disclosure Statement shall not be construed to mean that a search has been made, or that no other material information, as defined in 37 CFR 1.56(a), exists.

The Examiner is requested to review the references cited on the attached List of Cited Art by Applicant and to make the references cited of record in the present application.

Respectfully submitted,



Chipo Jolibois  
Agent for the Applicant(s)  
Reg. No. 54,201  
(215) 592-3689

Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA 19106-2399  
Date: December 16, 2003



Sheet 1 of 3

## LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Atty Docket No. A01280A	Serial No. 10/664,219
Applicant Robert Victor Stone	
Filing Date September 17, 2003	Group 1713

### U.S. Patent Documents

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,149,745	9/22/92	Owens, et al.	525/366	4/23/91
AB	5,952,420	11/14/99	Senkus, et al.	524/548	10/7/97
AC	5,780,376	7/14/98	Gonzales, et al.	501/146	2/20/97
AD	4,889,885	12/26/89	Usuki, et al.	524/445	3/4/88
AE	5,032,546	7/16/91	Giannelis, et al.	501/3	2/28/90
AF	5,837,763	11/17/98	Ferraro, et al.	524/449	1/3/96
AG	2,531,396	11/28/50	Carter, et al.	260/41.5	3/29/47
AH	2,883,356	4/21/59	Gluesenkamp	260/37	4/21/59
AI	5,973,053	10/26/99	Usuki, et al.	524/445	5/30/96
AJ	5,936,023	8/10/99	Kato, et al.	524/445	9/2/97
AK	4,739,007	4/19/88	Okada, et al.	524/789	9/19/86

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES/NO
AL	WO 01/36505	5/25/01	PCT	C08F 220/06	
AL	EP 0846662 A2	6/10/98	Europe	C01B 33/44	
AM	WO 00/29467	5/25/00	PCT	C08J 3/20	
AN	WO 95/14733	6/1/95	PCT	C08K 3/34	
AO	WO 97/00910	1/9/97	PCT	C08L 7/02	

### OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

AR	Luciow, et al., "Complexes of Poly(acrylic acid) With Some Divalent Trivalent and Tetravalent Metal Ions", European Polymer Journal, Vol. 37, 2001, pp. 1741-1745.
AS	Polimery-Twobzywa Wielkoczasteczkowe, "Kopolimery Soli Kwasow Akrylowych", 1973, pp. 128-130.
AT	Polimery-Twobzywa Wielkoczasteczkowe, "Kopolimery Soli Kwasow Akrylowych", 1968, pp. 188-191.

Examiner

Date Considered

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.



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## LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Atty Docket No. A01280A	Serial No. 10/664,219
Applicant Robert Victor, Sloane	
Filing Date September 17, 2003	Group 1713

### U.S. Patent Documents

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,034,164	3/7/00	Elspass, et al.	524/445	11/6/98
AB	4,867,902	9/19/89	Russell	252/186.23	9/19/89
AC	5,279,663	1/18/94	Kaliski	106/486	12/23/91
AD	5,962,553	10/5/99	Ellsworth	523/216	9/3/96
AE	6,057,035	5/2/00	Singh, et al.	428/403	6/5/98
AF					

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES/NO
AG	JP 94041346	2/15/94	Japan	C08K 3/34	Yes
AH	UK 2314335	12/24/97	Great Britain	C01B 33/44	

### OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

AI	Noh, et al., "Synthesis and Characterization of PS-clay Nanocomposite by Emulsion Polymerization", Polymer Bulletin, 42, (1999), pp. 619-626.
AJ	Choi, et al., "Characterization of Emulsion Intercalated Polymer-Na Montmorillonite Nanocomposite", Department of Polymer Science and Engineering, Inha University, Inchon, South Korea, pp. 247-248.
AK	Noh, et al., "Comparison of Characteristics of SAN-MMT Nanocomposites Prepared by Emulsion and Solution of Polymerization", Department of Polymer Science and Engineering, Inha University, Inchon, South Korea, pp. 2811-2819.
AL	Noh, et al. "Intercalation of Styrene-Acrylonitrile Copolymer in Layered Silicate by Emulsion Polymerization", Department of Polymer Science and Engineering, Inha University, Inchon, South Korea, pp. 179-188.
AM	Lee et al., "Preparation and Characterization of PMMA-Clay Hybrid Composite by Emulsion Polymerization", Department of Polymer Science and Engineering, Inha University, Inchon, South Korea, pp. 1117-1122.
AN	Lee, et al., "Charachterization of Epoxy-Clay Hybrid Composite Prepared by Emulsion Polymerization", Department of Polymer Science and Engineering, Inha University, Inchon, South Korea, pp. 1997-2005.

Examiner

Date Considered

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Sheet 3 of 3

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Atty Docket No. A01280A	Serial No. 10/664,219
Applicant Robert Victor Sloane	
Filing Date 09/17/03	Group 1713

**U.S. Patent Documents**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,798,867	01/89	Nakai et al	525/196	
AB	5,492,787	02/96	Matsunaga et al	430/109.2	
AC					
AD					
AE					
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AG					
AH					
AI					
AJ					
AK					

**FOREIGN PATENT DOCUMENTS**

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AL					
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**OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)**

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